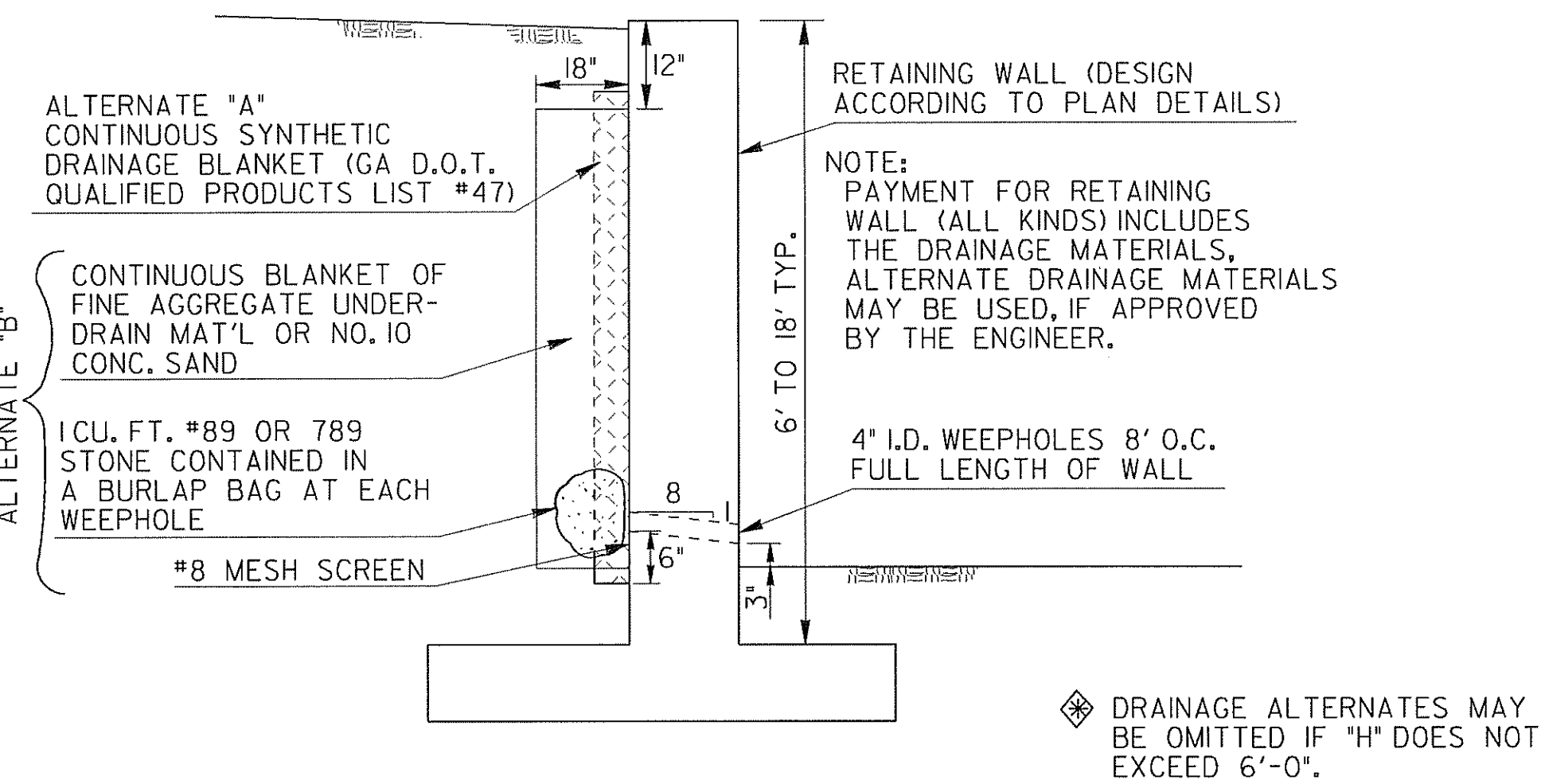
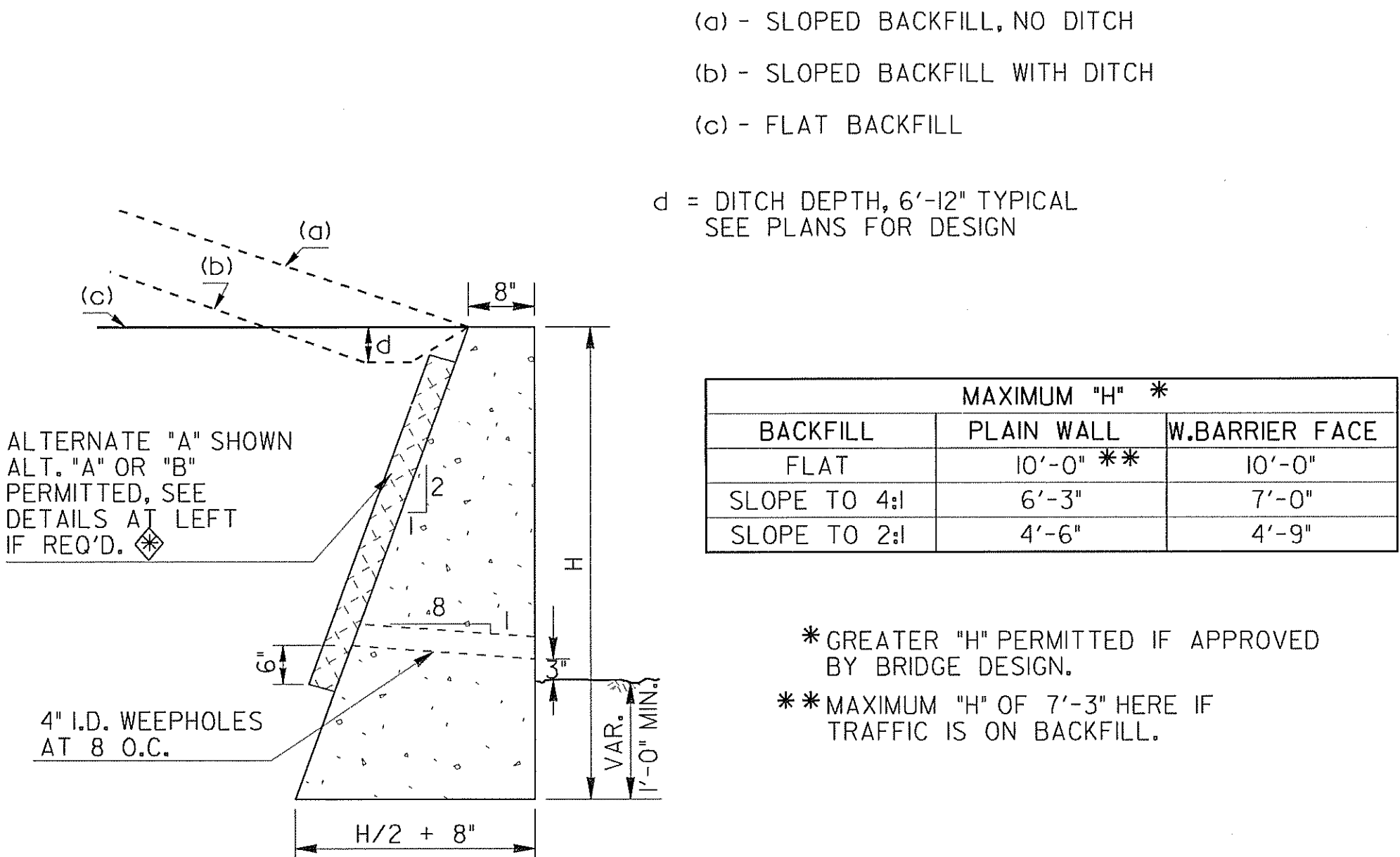


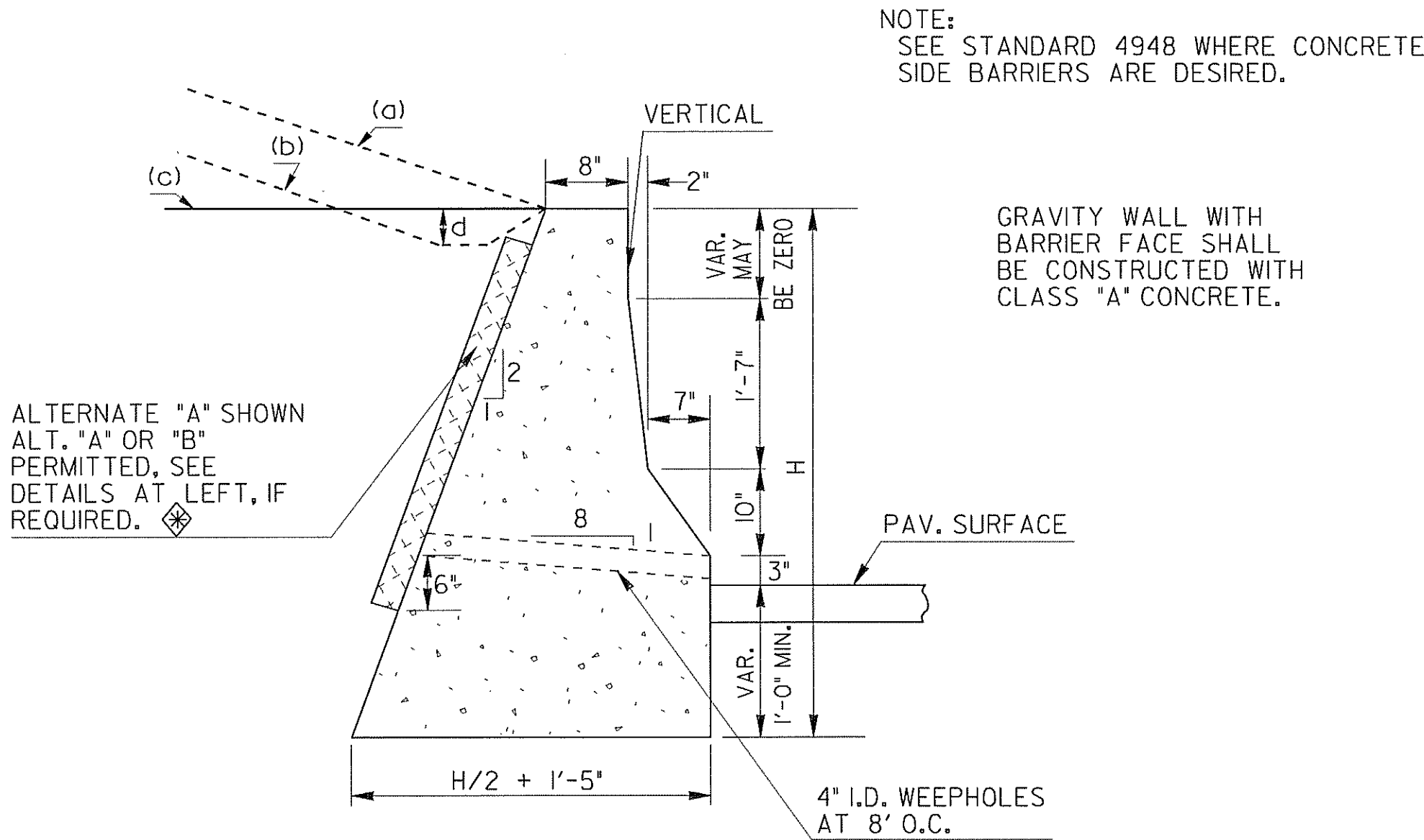
DETAILS OF RETAINING WALL TYPICAL SECTIONS



STANDARD DRAINAGE FOR RETAINING WALLS
(FOR HEIGHTS FROM 6 FT. TO 18 FT.- SPECIAL DESIGN DRAINAGE REQUIRED FOR RETAINING WALLS OVER 18 FT. IN HEIGHT.)

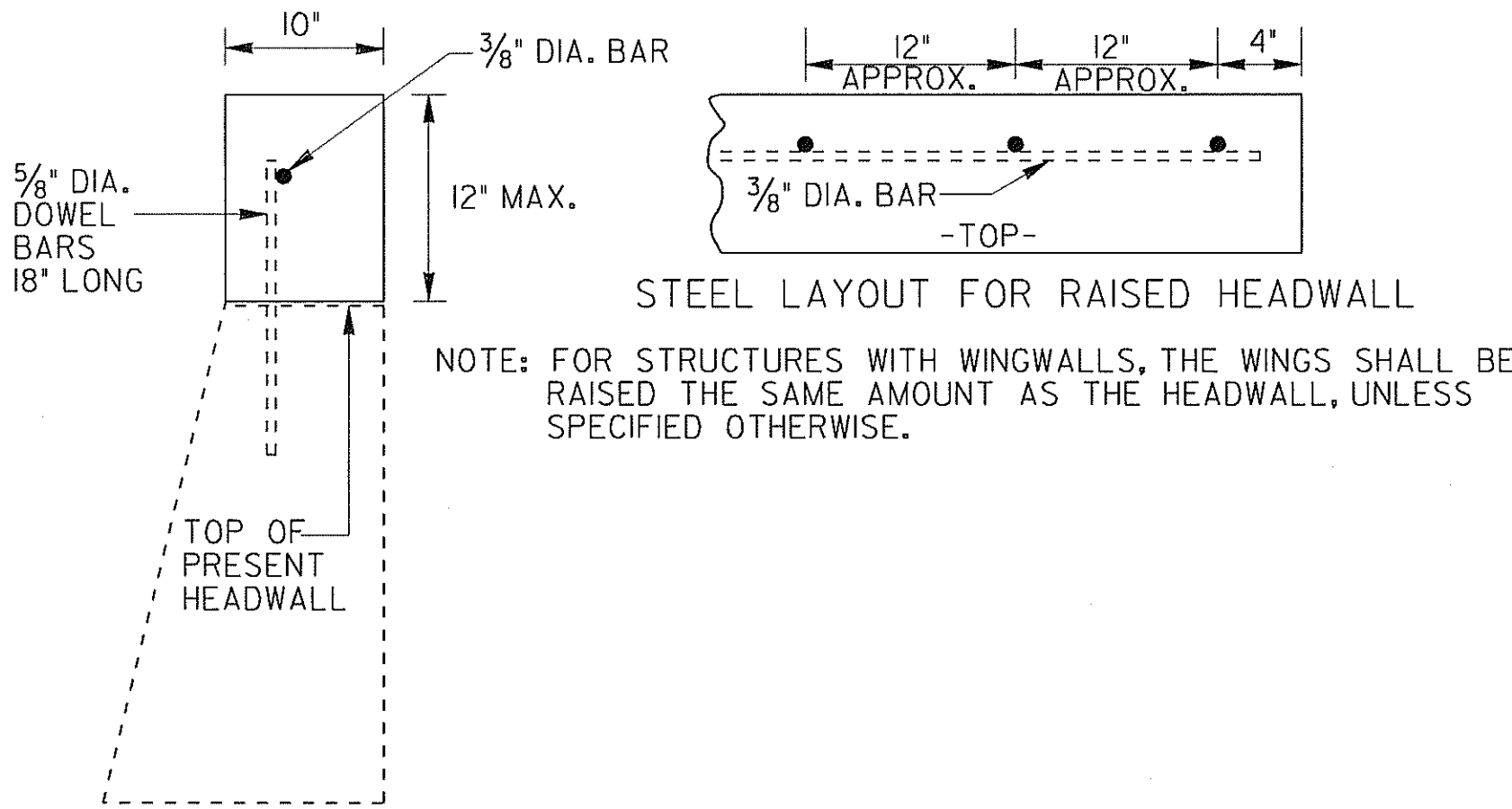


TYPICAL SECTION FOR GRAVITY TYPE WALL
MATERIALS: CLASS "B" CONC. OR MORTAR RUBBLE MASONRY.

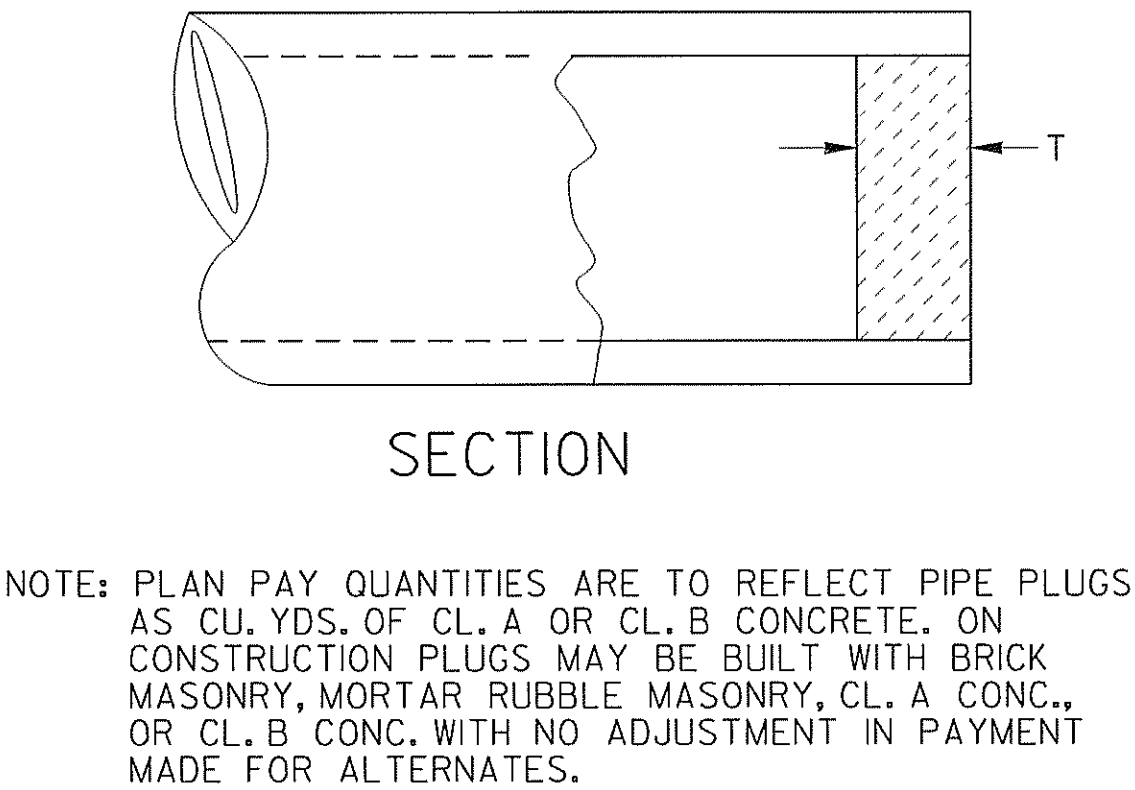


TYPICAL SECTION FOR GRAVITY WALL WITH BARRIER FACE

DETAIL FOR RAISING HEADWALL



TYPICAL PIPE PLUG



D	T (MIN)	PIPE PLUG (CU. YDS.)
12"	8"	0.0194
15"	8"	0.0303
18"	8"	0.0436
24"	8"	0.0776
30"	8"	0.1212
36"	8"	0.1745
42"	8"	0.2376
48"	8"	0.3103
54"	12"	0.5890
60"	12"	0.7272
66"	12"	0.8799
72"	12"	1.0472

16-30-98		4-30-84		2-15-83		DATE	
REDRAWN		ADD PIPE PLUG DETAILS		RET. WALL "H" TABLE ADDED		REVISION	
C.J.P.		R.M.J.		R.M.J.		BY	
REV. & R.M.J.		REDR.		TRA. G.M.E.		CHK. R.K.C.	
NO SCALE:		REV. & REDR. DECEMBER, 1982		STATE ROAD & AIRPORT DESIGN ENGR.		NUMBER 9031L	
STATE HIGHWAY ENGINEER						SHEET 1 OF 2	